

CLAIMS:

5 What is claimed is:

1. A mounting assembly for a high output electrodeless lamp comprising;
a fixture housing having an inner surface and an outer surface;
a pair of spaced-apart heat sinks affixed to said inner surface of said fixture housing

10 and extending therefrom:

a reflector positioned within said fixture housing, said reflector containing two
apertures aligned with said heat sinks;

a thermal insulator surrounding each of said heat sinks in said apertures and thermally
isolating said reflector from said heat sinks; and

15 an electrodeless lamp mounted to said heat sinks.

2. The mounting assembly of Claim 1 wherein said heat sinks are formed integrally with
said fixture housing.

20 3. The mounting assembly of Claim 1 wherein said heat sinks are formed distinct from
said fixture housing and are welded thereto.

4. The mounting assembly of Claim 3 wherein said heat sinks are a different material
than said fixture housing.

25

5. The mounting assembly of Claim 1 wherein said fixture housing is concave.

6. The mounting assembly of Claim 5 wherein said reflector is concave.

7. The mounting assembly of Claim 1 wherein said thermal insulator is formed from a material selected from ceramic, silicon or rubber.